

Mr. Chairman, Ladies & Gentlemen,

I submit a brief report on the health and sanitary conditions of the Urban District for the year 1948, including your Sanitary Inspector's Report for the same period.

The year has been uneventful from the point of view of the public health. There has been no serious epidemic and no marked sickness rates among the population generally. It is true that a mild type of whooping cough kept smouldering from January to June; there were some cases of mild Scarlet Fever, some of whom were sent to Isolation Hospital for domestic reasons; but the significant feature is the continued absence of Diphtheria from our midst. Whilst for a small community like ours undue emphasis on such an absence might be misleading, the figures for the country as a whole should be realized by parents and guardians of children. The number of cases for the country as a whole in 1948 was 8034, whilst the average annual number for the ten years 1931-1940 was 55,000. During 1948 there were approximately 150 deaths from Diphtheria in the whole country, while the average annual death rate during the same ten year period was 2800! Such figures as these should be sufficient to convince any rational being of the value of immunisation, and it is confidently hoped that all parents and guardians will continue to support this preventive measure by having their children effectively protected before they attain one year of age and as a further precaution by having an extra injection on reaching school age.

The Death Rate for the district is high when compared with the country as a whole but the average age at death, 70.6 years, is an indication of the age composition of the community. The lower Birth Rate is an index of the same. At the present time there is no comparability factor available for correcting these rates.

The local Hospital, nursing and ambulance services, though under different authorities since 5th July 1948, continue to function as before, and the St. John Ambulance Brigade continues its valuable voluntary work for the community. But we are considerably alarmed at the imminent prospect of having no local maternity home to which we can admit expectant mothers who for domestic or other reasons cannot be accommodated at home. This is a pressing problem at the moment.

Water Supply. The water supply is ample and of good quality and bacteriological examination on five occasions gave entirely satisfactory results. Complaints are frequently heard of an objectionable taste from the water as the result of preventive chlorination, but there is no evidence that health is in any way affected thereby, though without such treatment there is a real risk that the public health might be endangered. During the year an extensive investigation into the action of the water (crude and chlorinated) on copper and lead piping revealed that such action is present, but not to such a degree as to be in any way injurious to health. This matter was communicated to the Water Company, who are always most willing to co-operate in safeguarding the public supply. With the exception of one small hamlet of some six houses and under thirty persons who derive their supply from a stand pipe at considerable inconvenience, the whole town is supplied by the company direct to their homes.

Drainage and Sewerage. An extension of the existing sewerage system has been installed to serve the new housing estate at the West End, embracing 140 houses. Two cases of river pollution have been dealt with during the year.

Meat and Other Foods. There have been some three cases of gastric upset from the consumption of synthetic cream, from which staphylococci were recovered. The sale of ice-cream from premises not primarily constructed for this purpose and by vendors who have not been thoroughly schooled in the technique of surgical cleanliness calls for special supervision in the handling and disposal of such an easily contaminated commodity.

The production and distribution of milk is conducted under generally satisfactory conditions; but it seems to point to bad housekeeping that in a town

of this size so much valuable food has to be condemned by the time it reaches the retailers.

Housing. Having regard to all the circumstances considerable progress has been made in providing houses for the many who have been anxiously looking forward to establishing homes for themselves and their families, and work is still in progress to meet the big demand which has yet to be satisfied. The provision of suitable accommodation for the elderly, though not lost sight of, has still to be met; and the utilisation of many of the unwieldy Victorian houses which become vacant presents a real challenge to the architect who tries to convert them into desirable and workable modern flats.

In administration of the Factory Acts local action where necessary has been satisfactorily dealt with by your Surveyor.

I have to acknowledge again with thanks the ready help and co-operation I have had from all your staff, from the County Council Health and Laboratory Staffs, and from the Bristol Health Authority when dealing with infectious diseases, and also from my colleagues.

I have the honour to be

Your obedient Servant,

G. MACLEOD.

20th. May 1949.

PUBLIC HEALTH STAFF.

G. MACLEOD, M.C., M.A., M.D., D.P.H., Medical Officer of Health (Part time)

I. J. LEACH, M.R.S.I., M.R.I.P.H., M.I.H., Sanitary Inspector and Surveyor.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Total Area of Clevedon Urban District	...	3292 acres.
Registrar-General's Estimate of Population	...	9656
Number of Inhabited Houses and Flats	...	2848
Rateable Value at Autumn 1948	...	£77,630
Sum represented by a Penny Rate	...	£314. 1. Od.

<u>Live Births.</u>	<u>Male</u>	<u>Female</u>	<u>Total.</u>
Legitimate	53	72) 128
Illegitimate	1	2	

Birth Rate per 1000 of the population - 13.2
(The Birth Rate for England & Wales is 17.9)

<u>Still Births.</u>	<u>Male</u>	<u>Female</u>	<u>Total.</u>
Legitimate	4	2	6
Illegitimate	-	..	-

Rate per 1000 of the population .. 0.62
(for England & Wales .. 0.42)

<u>Deaths.</u>	<u>Male</u>	<u>Female</u>	<u>Total.</u>
	75	82	155
Death Rate per 1000 (uncorrected)	-	16	
Average Age at Death	-	70.6 years	
The Death Rate for England & Wales is 10.3)			

Deaths of Infants under one year of age :-

	<u>Male</u>	<u>Female</u>	<u>Total</u>
	<u>2</u>	<u>1</u>	<u>3</u>
Infant Mortality Rate - 23.4			
(Figure for England & Wales is 34)			

Deaths of Infants under one year occurred as under :-

- After one hour - intracranial haemorrhage
- At one week - Haemorrhagic disease of newborn
- At 10½ months - Asphyxia from insufflation of vomit

There have been no deaths from Diarrhoea in children under 2

Deaths from some specified causes :-

	<u>Male</u>	<u>Female</u>	
Cancer (all types)	14	24	
Cardiovascular Diseases	27	30	
Respiratory Diseases	4	3	
(excluding tuberculosis)			
			Admitted to
<u>Notifiable Diseases.</u>	<u>Total</u>	<u>Hospital.</u>	<u>Deaths.</u>
Scarlet Fever	13	4	-
Measles	3	-	-
Whooping Cough	40	-	-
Puerperal Pyrexia	5	5	-
Ophthalmia Neonatorum	1	1	-
Pneumonia	5	-	1
Acute poliomyelitis	2	1	1

TUBERCULOSIS.

Deaths:- Pulmonary - one male (73, two females (37 and 76)
Other Tuberculosis - one male (53)

Notifications:-

Age Periods

	<u>Respiratory</u>		<u>Non-Respiratory.</u>	
	<u>Male.</u>	<u>Female.</u>	<u>Male</u>	<u>Female</u>
1 - 5	-	-	-	-
5 - 15	1	-	1	-
15 - 25	-	1	1	-
25 - 35	2	-	1	1
35 - 45	-	1	-	-
45 - 55	2	1	-	-
55 - 65	-	-	-	-

TOTALS

5 3 3 1

HOUSING

	<u>Houses erected</u>		<u>Houses in course</u>		<u>Conversion to</u>
	<u>during year</u>		<u>of erection</u>		<u>flats or dwellings.</u>
	<u>Perm.</u>	<u>Temp.</u>	<u>Perm.</u>	<u>Temp.</u>	
Local Authority	75		30		
Private Enterprise	12				11
Totals	87		30		11

Houses Required:

(a) to replace those unfit, including Basements	...	20
(b) to abate overcrowding	...	10
(c) where conditions are unsatisfactory, e.g. two families living in same house, but not included in (a) or (b)		190
Total number of applicants for Council Houses at the end of the year	...	220

Milk.

(a)	Total number of Registered Dairy Farms	28
(b)	Number of Retailers	16
(c)	Number of Producer-Retailers included in (b)	6
(d)	Number of licensed pasteurising plants	Nil
(e)	Number of Heat-Treatment Plants not included in (d)	1
(f)	Number of Heat-Treatment Plants authorised by Ministry of Food	Nil

Ice-Cream.

Number of premises registered for

(a)	Manufacture	6
(b)	Sale	20

The Annual Report of the Sanitary Inspector, Inon J. Leach
M.R.San.Inst., M.R.I.P.H., M.I.Hygiene, for the year ended
31st December, 1948

The following is a condensed report of duties carried out during the year ended 31st December, 1948.

FOOD and DRUGS ACT

The following foodstuffs have been condemned from among the goods examined.
Each item of goods has been reported to the Ministry of Food and to the retailer concerned.

MILK	28 tins	Evaporated
	15 "	Condensed
MEAT	24 $\frac{3}{4}$ lbs.	Corned Beef
	4 "	Dutch Brawn with Pork
	30 "	B. Beef, Forequarter
	1 tin	Sausage Meat
	3 "	Veal Loaf
	1 "	Lambs Tongues
	4 "	Meat Lunch
	1 "	Pork Sausage
	1 "	Stewed Steak
	1 "	Bacon
BUTTER	7 lbs.	
FISH	11 tin	Lobster
	1 "	Silver Hake
	1 "	Brisling
	2 "	Codfish
	3 "	Cod Liver Paste
	1 "	Lunch Fish Spread
	1 "	Anchovy Paste
	3 "	Salmon, Grade III
	5 "	Pilchards
	1 "	Fish Paste
BEANS	2 tins	
PEAS	7 "	
VEGETABLES	8 "	Pickled onions
	2 "	Gherkins
	2 "	Tomatoes
	2 "	Carrots & Peas
	2 "	Spinach
	8 "	Beetroot
	1 "	Mixed Vegetables
FRUIT	25 lbs.	Prunes
	13 tins	Peaches
	3 "	Plums
	1 "	Pears
	1 "	Pie Apple
	1 "	Solid Pack Apple
MISCELLANEOUS	13 "	Soup
	1 "	Orange Juice
	1 "	Pate de Foie
	1 "	M & V. Ration
	1 "	Pudding
	1 "	Alba Snappy Snacks
	1 jar	Bovril
	$\frac{1}{2}$ gross	Toffee bars
	6 pkts.	Potato powder
	1 jar	Salad cream
	67- $\frac{1}{2}$ lbs.	Tea
	73 lbs.	Cheese
	9 "	Arrowroot Biscuits

MILK and DAIRIES ACTS and ORDERS

Milk Tests. The following are the Laboratory results of samples taken in this District.

Pasteurised Milk

<u>Date of Test</u>	<u>Result</u>
2. 3. 48	Satisfactory
25. 5. 48	"

Heat-treated Milk

5. 1. 48	Satisfactory
28. 1. 48	"
6. 2. 48	"
19. 2. 48	"
15. 3. 48	"
9. 4. 48	Unsatisfactory
27. 4. 48	Satisfactory
18. 5. 48	"
6. 7. 48	"
21. 7. 48	Unsatisfactory
17. 8. 48	Satisfactory
30. 8. 48	"
16. 9. 48	"
18. 10. 48	"
3. 11. 48	"
15. 11. 48	"
25. 11. 48	"
14. 12. 48	"
30. 12. 48	"

Tuberculin Tested Milk

5. 1. 48	Satisfactory
28. 1. 48	"
19. 2. 48	"
16. 3. 48	"
9. 4. 48	"
27. 4. 48	"
6. 7. 48	"
3. 8. 48	Unsatisfactory
23. 9. 48	Satisfactory
6. 10. 48	"
22. 11. 48	"

Empty Cleansed Bottle at Farm

5. 1. 48	Unsatisfactory
28. 1. 48	Satisfactory
19. 2. 48	"
18. 3. 48	Unsatisfactory
9. 4. 48	Satisfactory
27. 4. 48	"
25. 5. 48	Fairly Satisfactory
6. 7. 48	Satisfactory
8. 8. 48	Unsatisfactory
17. 8. 48	Satisfactory
30. 8. 48	Unsatisfactory
23. 9. 48	Satisfactory
6. 10. 48	"
18. 10. 48	Unsatisfactory
3. 11. 48	Satisfactory
25. 11. 48	"
22. 11. 48	Fairly Satisfactory
29. 12. 48	Unsatisfactory

There are in the Clevedon area:

28 Producers
8 Producer-retailers
24 Retailers

Under the "Special Designation Order" there are:

2 Accredited Herds
1 Tuberculin tested Herd
1 Pasteurising Milk retailer
1 Heat-treated Milk Retailer
28 Registered Dairy Farms

DISINFECTION and FUMIGATION

The following cases have been dealt with after reports of infectious diseases or infestations:

January: 7 rooms, clothes and bedding, and bedding from Cottage Hospital.
February: 2 rooms
March: 1 room
April: 2 rooms
May: 2 rooms
June: 2 rooms, 1 house, 1 bundle of bedding, 2 mattresses, 10 pillows.
July: 1 house, 1 room, 2 mattresses, 10 pillows, 3 bundles of bedding.
August: 3 rooms, 1 house, Council's yards and sheds, hut in Council House garden, Girls' camp at farm, 1 bundle of bedding at Cottage Hospital.
September: 8 rooms, 2 depots.
October: 2 houses, 4 rooms, 1 bundle of bedding.
November: 4 rooms, 3 mattresses, 2 beds, 5 pillows.
December: 3 rooms, 2 bundles of bedding and pillows, 1 hut sprayed after T.B.

WATER

The following tests have been made:

29. 1. 48 Excellent
20. 3. 48 "
12. 4. 48 "
3. 6. 48 "
8. 7. 48 "

Reports from the County Analyst on the action of the local water supply on copper and lead pipes states the position in detail, reporting that the copper dissolved in the water is not a cumulative poison, and that there is no evidence that ill health has resulted from the consumption of water containing copper, in the amounts likely to be present due to the action of the water on pipes. The results of the analysts' reports are that there is no cause for alarm in the action of the Clevedon water supply on copper and lead pipes.

GAS EXAMINATION

12 tests were made of the gas supplied by the Clevedon and Yatton Gas Company for Calorific Value, Purity and Water Pressure.

	<u>B.Th.U.</u>	<u>Sulphuretted Hydrogen</u>	<u>Water Pressure</u>
21. 7. 48	455.4	Absent	$4\frac{1}{4}$ inches
24. 8. 48	449.4	"	$4\frac{1}{2}$ "
9. 9. 48	452.0	"	$4\frac{1}{2}$ "
15. 9. 48	451.2	"	$4\frac{1}{2}$ "
27. 9. 48	444.9	"	$4\frac{1}{2}$ "
30. 9. 48	465.5	"	$4\frac{1}{2}$ "
3. 11. 48	450.2	"	$3\frac{1}{2}$ "
15. 11. 48	444.0	"	$3\frac{1}{2}$ "
29. 11. 48	461.4	"	$2\frac{1}{2}$ "
30. 11. 48	456.1	"	$3\frac{1}{2}$ "
20. 12. 48	470.9	"	$4\frac{1}{2}$ "
31. 12. 48	454.1	"	$4\frac{1}{2}$ "

PETROLEUM and CARBIDE ACTS

Inspections have been made of premises when applications for new or renewals of Licences have been received.

- 31 Licences have been issued for the sale of Petroleum and Carbide products.
1 Licence has been issued for the keeping of Cellulose products.

HOUSE REFUSE COLLECTION

The new house refuse vehicle has improved the hygienic conditions of collection. There were some unfortunate "break-downs" in the early days of its use with consequent inconveniences caused to householders owing to alteration of days of collection. It is hoped that there will not be a recurrence, although staffing may still cause some difficulties.

An improvement is observed in the provision of proper and adequate covered bins but there are still a number of householders who place their house refuse in any old improvised container which is unsatisfactory and unhygienic.

The estimated tonnage collected during the year is 2,000 tons.

RATS and MICE (DESTRUCTION) ACT, 1919 Infestation Order, 1943

Business and private premises visited and treated during the year were 60 in number.

The house refuse dump has been regularly inspected and pre-baited and baited each month.

Yards, sheds, piggeries, rivers, the coast and rocks etc., have been regularly inspected and baited in accordance with Government instructions.

A special effort has been made in conjunction with Regional Rodent Officers to inspect and deal with public sewers. All main sewers have been treated and entire satisfaction with the results has been expressed by the Regional Rodent Officer.

RIVERS

The ketching and cleaning of the portions of rivers for which the Council are responsible has been carried out at and within the scheduled periods and passed by the appointed viewer.

PUBLIC CONVENIENCES

These have been cleansed and disinfected each day.

SALVAGE COLLECTION FOR YEAR ENDED 31st DECEMBER, 1948

	PAPER	METALS		RAGS		BONES		COST		KITCHEN WASTE		COST						
	T. c.	q.	T. c.	q.	T. c.	q.	T. c.	q.	£. s.	d.	T. c.	q.	£. s.	d.				
January	9.	19.	0.						58.	2.	1.	8.	13.	0.	5.	16.	11.	
February	5.	11.	2.						48.	15.	3.	7.	8.	0.	6.	10.	0.	
March	12.	5.	2.	6.	13.	1.	15.	3.	64.	8.	0.	9.	18.	0.	8.	15.	0.	
April	12.	-	1.	3.	19.	0.	1.	4.	0.			5.	0.					
May	15.	13.	2.	4.	2.	0.	1.	7.	0.	71.	17.	11.	9.	8.	0.	6.	17.	6.
June	7.	10.	2.						84.	12.	3.	12.	0.	0.	8.	0.	0.	
July	14.	19.	3.	3.	3.	1.	9.	0.	81.	11.	7.	9.	12.	0.	11.	10.	0.	
August	12.	18.	1.						73.	1.	11.	12.	1.	0.	8.	2.	6.	
September	9.	16.	1.	3.	17.	0.	1.	2.	0.	61.	13.	9.	12.	7.	0.	9.	2.	6.
October	13.	18.	1.						77.	15.	1.	14.	4.	0.	12.	10.	0.	
November	18.	3.	3.						65.	9.	4.	11.	5.	0.	8.	17.	6.	
December	10.	9.	0.	2.	0.	19.	0.		75.	1.	11.	10.	9.	0.	7.	19.	6.	
	14.	3.	5.	18.	17.	3.	7.	0.	92.	5.	9.	8.	2.	0.	10.	17.	3.	
	14.	3.	5.	2.	18.	17.	3.	7.	0.	5.	0.	854.	14.	10.	125.	7.	0.	
															104.	18.	8.	

Paper, Metal, Rags etc., Sales £1103. 18. 7.
Cost 854. 14. 10.

Kitchen Waste, Sales £179. 12. 6.
Cost 104. 18. 8.

£249. 3. 9. Gross Profit

£74. 13. 10. Gross Profit

FACTORY ACT, 1937 - 38

Factories and Workshops dealt with

	<u>No. on Register</u>	<u>Inspection</u>	<u>Notices</u>
Sections 1, 2, 3, 4, 6	25	30	3
Section 7	38	52	4
<u>Other premises, including outworkers</u>	<u>10</u>	<u>20</u>	<u>3</u>
	73	102	10

Defects

Want of Cleanliness	2	remedied 2	Report by Inspector of Factories 1
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Sanitary Conveniences
insufficient

<u>1</u>	<u>1</u>
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3 3 1

Defaults
Notices
2

Outworkers

3

SHOPS ACTS 1912 - 1934

Young Persons (Employment) Act, 1938

The whole of the shops in the district have been visited at varying periods and notifications made and notices issued where necessary.

There are 208 shops registered in the district, also 4 open-fronted shops.

The conditions laid down by the Acts have generally been reasonably well-observed and there have been no flagrant violations but innovations have occurred through forgetfulness.

Sanitary Conveniences and Washing Facilities

There are three cases of exemptions owing to restricted accommodation but alternative means are provided.

Seats for Female Assistants

The requirement under Section 3 of the 1912 Act is well complied with and in practice female assistants are given opportunities for using the seats.

Ventilation

Shops generally are reasonably well ventilated. Additional requirements in 3 cases have been successfully dealt with.

Lighting

Reasonably good generally but adjustments have been made in a few cases.

Facilities for taking Meals

No complaints have been received.

Underground Shop

One shop has been opened up this year.

Exhibiting Notices re Half Day Holiday in Shops

Several occasions have occurred in which notices have not been exhibited or renewed and warning notices have had the desired effect.

Young Persons (Employment) Act, 1938

There are six shops employing young persons in the district. Inspections and checks have been made in regard to the exhibited notices in the shops and also as to ages and conditions of service.

The register of Young Persons employed at the end of the year 1948 has been brought up to date for the records during the coming year.

ICE CREAM

Five applications were received for the retail sale of Ice Cream purchased from licensed approved manufacturers and one application for the manufacture of Ice Cream.

Approved refrigerator and manufacturing plants have been installed respectively.

NUISANCES

Public - 19 nuisances have been successfully dealt with.

Private - 44 nuisances have been inspected, occupiers notified and all have been abated.

HOUSING

<u>Erected during the year</u>	Permanent	Temporary	Conversion
By Local Authority	76	Nil	Nil
Private Enterprise	12	Nil	Nil
<u>In course of Erection</u>	30	Nil	11

Houses required -

(1) To replace those unfit (including basements)	20
(2) To abate overcrowding	10
(3) Where conditions are unsatisfactory, e.g. two families living in same house (but not included above)	190
(4) Total number of applicants at end of year	230

Houses owned or under control of the Council

Requisitioned properties	35
Families housed in requisitioned properties	68
Housing Revenue Council Houses	194
Temporary prefabricated bungalows	20

CONTROL OF BUILDING

Building Licences issued	297
" " refused	3
"M" Forms issued	Nil
W.B.A. Forms issued	66
I.S. Forms issued	22
D.M.S.H. Forms issued	21

Inon Heach

Sanitary Inspector
M.R.San.I., M.R.I.P.H.,
M.I.H., M.S.I.A.

